

U.S. Patent Application Serial No. 10/644,803
Amendment dated August 10, 2004
Reply to OA of **June 2, 2004**

REMARKS

Claims 1-2 and 5-39 are pending in this application, of which claims 1-2, 5-6, 10 and 12 have been amended and claims 21-39 are newly-added. Claims 3-4 have been canceled.

The Examiner has indicated that claims 3-8 would be allowable if rewritten in independent form. Accordingly, claims 3 and 4 have been canceled and the limitations contained in claim 3 have been added to claim 1. Claim 5 has been amended to depend from claim 1. Claim 12 has been amended to recite a semiconductor optical device having quantum dots with tensile strain and quantum dots with compressive strain. Thus, because claims 3 and 4 were indicated as allowable, claim 12, as amended, should also be allowable.

Newly-added claim 21 is an independent version of claim 7. Newly-added claims 22-29 corresponding to claims 2-6 and 9-11, depend from newly-added claim 21. Newly-added claim 30 recites novelty which is supported by the description on page 12, lines 13-15.

Newly-added claim 31 is an independent version of claim 8. Newly-added claims 32-39 corresponding to original claims 2-6 and 9-11, depend from newly-added claim 31.

The claims are now in condition for allowance, which action, at an early date, is requested.

If, for any reason, it is felt that this application is not now in condition for allowance, the Examiner is requested to contact Applicants' undersigned attorney at the telephone number indicated below to arrange for an interview to expedite the disposition of this case.

In the event that this paper is not timely filed, Applicants respectfully petition for an appropriate extension of time. Please charge any fees for such an extension of time and any other fees which may be due with respect to this paper, to Deposit Account No. 01-2340.

Respectfully submitted,

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Enclosures: Substitute Abstract of the Disclosure

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